- 39. (original): The method of processing requests, as set forth in claim 38, wherein the act of storing a second request comprises the act of storing a second read request in a fixed register.
 - 40. (currently amended): A queue structure comprising:
 - a queue entry pool comprising a plurality of fixed registers configured to store requests, wherein each of the plurality of fixed registers is configured to store a plurality of flags corresponding to the status of each request; and an entry shifter coupled to the queue entry pool and comprising a plurality of shift registers, each of the shift registers is configured to store a request corresponding to a request stored in one of the plurality of fixed registers.
- 41. (original): The queue structure, as set forth in claim 40, wherein the queue entry pool is configured to store read requests.
 - 42. (cancelled)
- 43. (original): The queue structure, as set forth in claim 42, wherein each of the plurality of fixed registers is configured to store each of a valid entry flag, an entry ready flag and a retire entry flag for the corresponding request.
- 44. (previously presented): The queue structure, as set forth in claim 43, comprising a flag multiplexor coupled to each of the queue entry pool and the entry shifter and configured to receive a plurality of input signals, each of the plurality of input signals corresponding to one of

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